

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 06-SEP-12	F.R. # 1001933068	SERV. SUPV. JONATHAN M SCHULZ III
LEASE & WELL NAME HEIMERMAN FARMS 3104 #25-1 - API 15191226550	LOCATION 25-31S-4W		COUNTY-PARISH-BLOCK Sumner Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG # Nabors 102		TYPE OF JOB Surface

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
9-5/8" Top Cem Plug, Nitrile cvr, Phe	Provided by Customer						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
water			8.34				19	
Class C + .25pps Celloflakc + 2% CaCl2		250	14.8	1.35	6.34	03:08	63	39.55
Water			8.34				26.9	
Available Mix Water <u>500</u> Bbl.		Available Displ. Fluid <u>430</u> Bbl.		TOTAL			108.9	39.55

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25		398	8.921	9.625	36	CSG	389	389	J-55			

LAST CASING				PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID		
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
17.	18	84		64	64						9.625	8RD	WATER BASED MU	8.4

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	Rig Tank
26.9	BBLS	Water	8.34	115					3060	1000	Rig Tank

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: skid rig, spud well, drill to TD, POOH, Run Casing

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES <u>2200 PSI</u>	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
00:09	2200					test pumps & lines	
00:10	72		3		WATER	open well/start water spacer	
00:16	141		4	19	WATER	end spacer/start slurry @ 14.8ppg	
00:33	113		3	60	SLURRY	receive cement to surface	
00:34	112		3	63	SLURRY	end slurry/shutdown	
00:36	109		4		WATER	Drop Weatherford TRP/start displacement	
00:41	181		3	16	WATER	slow rate to bump	
00:46	959		3	26.9	WATER	bump plug shutdown/ hold psi	
00:56	0			-.25		check float/ holding/ .25bbls return	
						29 bbls of cement return to surface	
						Thanks for using BHI Pressure Pumping	
						Jonathan Schulz & Crew	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	959	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	29	108.9	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	